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## No. VI.



*Tables of the Altitudes of Mountains in the States of New York, New Hampshire, and Vermont, calculated from Barometrical and Thermometrical Observations, by A. Partridge, Captain of the Corps of Engineers of the United States. Communicated by Col. Jonathan Williams.—Read February, 1812.*

### TABLE I.

	<i>Feet.</i>
Altitude of the Roundtop above high water of Hudson's River, - -	3566
of the High Peak, - -	3486
of the Highest of the Turnpike, -	2273
of the Roundtop of the base of the range of } Mountains, - - }	2911
of the High Peak above the same, -	2831
of the highest part of the Turnpike above } the same, - - }	1630
Base of the Mountains above the River,	655
of the Roundtop above its base, -	1550
of the High Peak above its base, -	1470
Whole Altitude of the High Falls, - -	310
Altitude of the first Fall, - -	190
of the second Fall, - -	120

TABLE II.

Altitudes of the highest Mountains at and near West Point,  
State of New York.

<i>Names of the Mountains and Elevations.</i>	<i>Altitudes in Feet above Hudson's River.</i>
Anthony's Nose, - -	- 877
Sugar Loaf, - -	- 812
Fort Putnam, - -	- 561
West Point Plane, - -	- 176
Bull Hill, - -	- 1391
Breakneck Hill, - -	- 939
First Peak next the River, - -	- 1113
Second Peak, - -	- 1330
Crow's Nest, - -	- 1432
Butter Hill, - -	- 1379
Old Beacon, - -	- 1486
New Beacon, - -	- 1486

TABLE III.

Altitudes of the most elevated parts of the White Hills, in the State of New Hampshire.

<i>Names of the Peaks.</i>	<i>Altitude in Feet.</i>	
	<i>Above the Sea.</i>	<i>Above their Bases.</i>
Mount Washington,	6234	4464
First Peak South of do. (Adams)	5328	3558
Second do. do. (Jefferson)	5058	3288
Third do. do. (Madison)	4866	3096
Fourth do. do. (Franklin)	4711	2941
Fifth do. do.	4356	2586
Base of the Mountains,	1770	

*Note.*—“The great distance at which these mountains are visible, and the apparent length of their ascent, have led to estimates of their height considerably exceeding the probable truth. The Rev. Dr. Cutler, who twice visited them, and took barometrical observations, computes the height in round numbers, at 10,000 feet above the level of the sea.” “Mr. Bowditch has published in the transactions of the American Academy, (Vol. iii. p. 326), a logarithmic calculation founded on the barometer, as observed by Dr. Cutler and Professor Peck, in 1804, which gives them an elevation of 7055.” See Account of the White Mountains of New Hampshire, published in the New England Journal of Med. and Surg. for Oct. 1816.

## TABLE IV.

Altitude of Killington Peak, said to be the highest part of the  
Green Mountains, in the State of Vermont.

		<i>Feet.</i>
Altitude above the Sea,	-	3679
above its base,	-	2807
of the base above the Sea,		872